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EEMAC bows R & D policy Sept. 133

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Buyer's Guide and Directory July

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New era in sawmilling begins with computer control March 32

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CONTRACTS

Supply and Services Canada has recently announced the following contracts valued at more than \$100,000:

Patton Aircraft & Industries Ltd., Toronto, \$178,617 from DND for electronic microcircuits . . . **Canadian General Electric**, Toronto, \$401,366 from DND for electron tubes.

Muirhead Systems Ltd., Rexdale, ON, \$234,922 from Environment Canada for the development of a tv display system for meteorological satellite imagery . . . **Prior Data Sciences Ltd.**, Ottawa, \$130,248 from DND for the development of communications facilities between SARSAT ground facilities via the defence data network . . . **Bayly Engineering Ltd.**, Ajax, ON, \$177,144 from MOT for the development and testing of a prototype quasi-doppler marine uhf radio direction finder.

University of Toronto Innovations Foundation, Toronto, \$182,699 from NRC for co-ordination of research and development of amorphous silicon thin film pho-

tovoltaic devices . . . **SED Systems Inc.**, Saskatoon, SK, \$106,721 from DOC for a technical and economic study of differential minimum shift keyed (DMSK) modem technology followed by development and testing of breadboard units.

Bell Canada, Ottawa, \$1,409,750 from DND for a communication system . . . **Motorola Ltd.**, Ottawa, \$147,408 from RCMP and Environment Canada for radio communication equipment.

Sparton of Canada Ltd., London, ON, \$9,000,283 from DND for underwater sound equipment (AN/SSQ-53A sonobuoys) . . . **Dictaphone Canada Ltd.**, Islington, ON, \$212,989 from DND for recorder/reproducing equipment.

Lenbrook Industries Ltd., Scarborough, ON, \$182,802 from Transport Canada for photovoltaic solar panel systems . . . **Mechron Engineering Products Ltd.**, Ottawa, \$163,552 from DND for diesel electric generator set.

Patton & Cooke Ltd. have moved to 8183 - 130th St., Surrey, BC, V3W 7X4.

Instrument Rentals Canada is the new name for the Canadian arm of **US Instrument Rentals**. Along with the name change is an address change to 6815 Rexwood Rd. Unit 6, Mississauga, ON L4V 1R2. Telephone number is (416) 678-7831, however, the WATTS number remains unchanged.

AEL Microtel Ltd. has announced its re-location to 1211 Dennison St., Markham, ON L3R 4B3. Their new number is (416) 490-8660. The new address for **P.G. Electronics** is 90 Signet Dr., Weston, ON M9L 1T4. The telephone number remains unchanged, but the telex number has become 065-27349.

Future Electronics, Inc. has signed distributor agreements with three firms. Future will inventory and market the **Sigma Instruments** line of relays, **AMP of Canada** connectors, and the **Unimax Switch Corp.** line of switches and controls.

SATELLITES

Telesat to make 14/12 GHz splash
Pace quickens at Ottawa space lab

SEMICONDUCTORS

Universal logic; more potential in the chip
Northern launches 4" IC line
The potential of the biochip
Applications for power MOSFETs
Gallium arsenide; the next semiconductor

SHOWS

IEEE Conference and Show 1981
Show Reflections
Canatech '81
Big Western Show

STATISTICS

Statistical review
Executive outlook
Industry performance

TELIDON

Telidon-evolution and prospects
Telidon roundup
Telidon OEMs pace market
Videotex standards scramble
How Bell System's spec was created
Telidon: how it works
Telidon parameters
Telidon technology developments

TELECOMMUNICATIONS

Third World telecommunications stalled
Interconnect standards bloc distributed systems
Earth terminals invade downtown
Why you are not using satellites—yet
Coding technique bridges satellite generation gap

Dec. 18
Dec. 23

March 36
May 18
May 26
May 35
Sept. 24

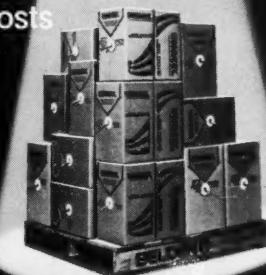
Sept. 30
Nov. 21
Nov. 21
Dec. 45

Jan. 16
Jan. 24
March 14,
June 16,
Dec.

April 20
April 27
April 31
Aug. 18
Aug. 19
Aug. 20
Aug. 22
Aug. 24

April 34
April 38
Dec. 21
Dec. 26
Dec. 28

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